

RICK D. NYDEGGER
BRENT P. LORIMER
THOMAS R. VUKSINICK
LARRY R. LAYCOCK
JONATHAN W. RICHARDS
DAVID R. WRIGHT
JOHN C. STRINGHAM
JOHN M. GUINN
CHARLES L. ROBERTS
DANA L. TANGREN
ERIC L. MASCHOFF
CHARLES J. VEVERKA
ROBYN L. PHILLIPS
RICHARD C. GILMORE *
STERLING A. BRENNAN
R. BURNS ISRAELSEN
DAVID R. TODD
DAVID B. DELLENBACH
L. DAVID GRIFFIN
ADRIAN J. LEE
FRASER D. ROY
CARL T. REED
R. PARRISH FREEMAN, JR.
PETER F. MALEN, JR.
L. REX SEARS, PH.D.



ROBERT E. AYCOCK
JENS C. JENKINS
MICHAEL B. DODD
BRETT I. JOHNSON
SARA D. JONES
TIGE KELLER
JANNA J. LEWIS
J. LAVAR OLDHAM
MICHAEL J. FRODSHAM
WESLEY C. ROSANDER
RYAN N. FARR
WILLIAM R. RICHTER
KEVIN W. STINGER
MATTHEW D. TODD
MATTHEW A. BARLOW
ANDREW S. HANSEN
CHAD E. NYDEGGER
JOSEPH G. PIA
CLINTON E. DUKE
JAMES B. BELSHE
KIRK R. HARRIS
MICHAEL M. BALLARD
DAVID A. JONES
SHANE K. JENSEN
JONATHAN M. BENNS, PH.D.
SCOTT A. WOODBURY
JOHN T. GADD
MARK W. FORD
COLBY C. NUTTALL
AARON M. SMITH
KULANIAKEA FISHER
THOMAS M. BONACCI
PAUL G. JOHNSON
AMBER B. LEAVITT
JEFFERY M. LILLYWHITE
HEATHER MANWARING
JOHN C. BACOC

VERNON R. RICE §
OF COUNSEL

WORKMAN | NYDEGGER

INTELLECTUAL PROPERTY ATTORNEYS



copy
1000 EAGLE GATE TOWER
60 EAST SOUTH TEMPLE
SALT LAKE CITY, UTAH 84111
TELEPHONE: (801) 533-9800
FAX: (801) 328-1707
WEBSITE: HTTP://WWW.WNLAW.COM

PATENT
Docket No. 15436.182.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Deng et al.

Serial No.: 10/646,422

Filed: Aug. 22, 2003

For: POLARIZATION INDEPENDENT
PACKAGING FOR POLARIZATION
SENSITIVE OPTICAL WAVEGUIDE
AMPLIFIER

Examiner: Akm Enayet Ullah

Patent No.: 6,882,764 B1

Issue Date: Apr. 19, 2005

Art Unit
2874

REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323

Attn: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. § 1.323 which implement 35 U.S.C. § 255, the Commissioner is respectfully requested to issue a Certificate of Correction to correct mistakes in the above-identified patent. The enclosed Patent Office Form 1050 reflects the desired corrections. Also enclosed please find a check in the amount of \$100.00 to cover the costs for issuance of this certificate. 000007 6882764

01 FC:1811

100.00 OP

Certificate of Correction
JUL 18 2007

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178. Duplicate copies of this letter are enclosed.

Dated this 10 day of July, 2007.

Respectfully submitted,

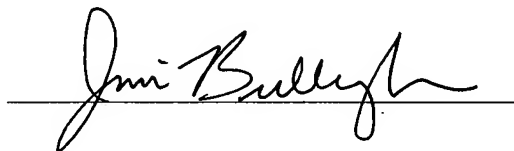


R. Burns Israelsen
Attorney for Patentee
Registration No. 42,685
Customer No. 022913

RBI:jsb
Docket No. 15436.182.1
PR0000002355V001

CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 13 day of July, 2007.



Transmitted: REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323,
PTO Form 1050 and Check No. 153252 for \$100.00

JUL 18 2007

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 6,882,764 B1

Page 1 of 3

APPLICATION NO. : 10/646,422

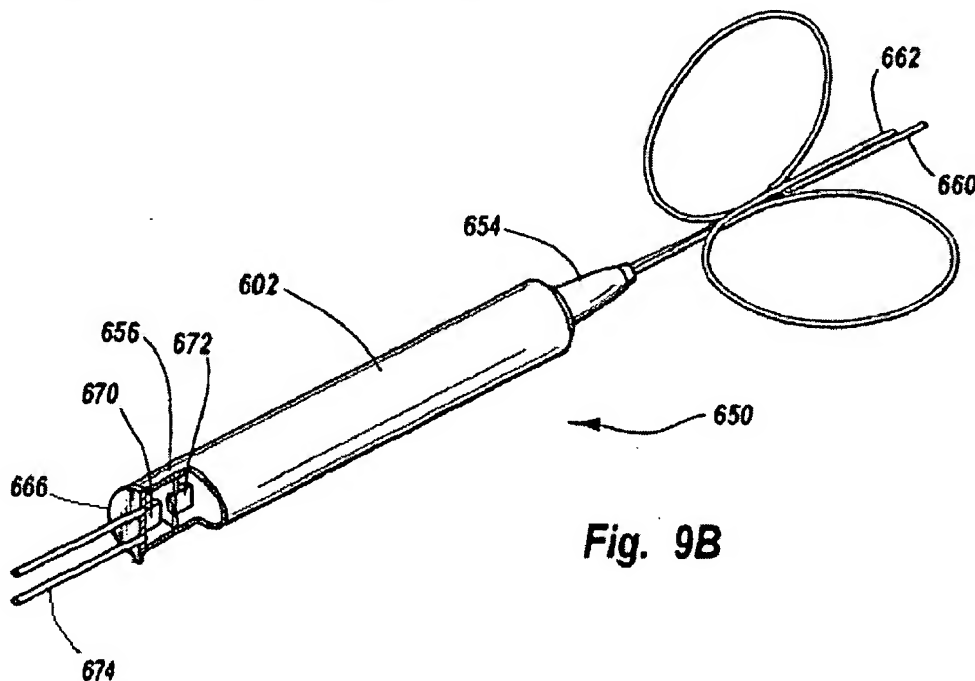
ISSUE DATE : Apr. 19, 2005

INVENTOR(S) : Deng et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Drawings

Replace FIG. 9B with the figure depicted herein below, wherein a new reference of "666" has been added and the original "666" has been changed to --674--

**Fig. 9B****Cover Page,**

Item (56), under "OTHER PUBLICATIONS", line 5, change "Augusy" to --August--

Item (56), under "OTHER PUBLICATIONS", line 6, change "articlesearch/aug1998mj.htm," to --
articlesearch/aug1998mj.html,--

MAILING ADDRESS OF SENDER (Please do not use customer number)

R. Burns Israelsen, Esq., WORKMAN NYDEGGER
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

JUL 18 2007

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 6,882,764 B1

Page 2 of 3

APPLICATION NO. : 10/646,422

ISSUE DATE : Apr. 19, 2005

INVENTOR(S) : Deng et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 2,

Line 12, change "birefringence" to --birefringent--

Lines 21-22, change "birefringence" to --birefringent--

Line 36, change "signal" to --signals--

Line 37, change "lesser" to --less--

Line 67, change "theses" to --these--

Column 3,

Lines 39-40, before "the wave guide optical amplifier shown in FIG. 7A;" remove [the wave guide optical amplifier shown in FIG. 7A;]

Column 6,

Line 32, before "are not reflected" change "so" to --therefore--

Line 55, remove [406]

Line 56, remove [406]

Column 7,

Line 9, remove [406]

Line 15, change "ill" to --will--

Line 32, remove [406]

Line 64, change "450 shift" to --45° shift--

Column 8,

Line 4, change "450 in one direction" to --45° in one direction--

Line 13, change "414B" to --414A--

Line 56, remove [506]

Line 57, remove [506]

MAILING ADDRESS OF SENDER (Please do not use customer number)

R. Burns Israelsen, Esq., WORKMAN NYDEGGER

1000 Eagle Gate Tower

60 East South Temple

Salt Lake City, Utah 84111

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

JUL 18 2007

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 6,882,764 B1

Page 3 of 3

APPLICATION NO. : 10/646,422

ISSUE DATE : Apr. 19, 2005

INVENTOR(S) : Deng et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 9,

Line 10, remove [506]

Line 16, change "ill" to --will--

Line 20, change "birefringence" to --birefringent--

Line 21, change "birefringence" to --birefringent--

Line 21, remove [506]

Line 34, remove [506]

Column 10,

Line 5, change "450" to --45°--

Line 13, change "514B" to --514A--

Line 53, change "housing 652" to --housing 602--

Lines 54-55, change "housing 652" to --housing 602--

Line 57, change "housing 652." to --housing 602.--

Column 11,

Line 27, after "output port" remove [and]

Line 41, after "first beam" change "has" to --having--

Line 42, after "second beam" change "has" to --having--

Column 12,

Line 48, before "second pair" insert --a--

Column 13,

Line 17, change "orientate" to --oriented--

MAILING ADDRESS OF SENDER (Please do not use customer number)

R. Burns Israelsen, Esq., WORKMAN NYDEGGER

1000 Eagle Gate Tower

60 East South Temple

Salt Lake City, Utah 84111

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

JUL 18 2007

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 6,882,764 B1

Page 1 of 3

APPLICATION NO. : 10/646,422

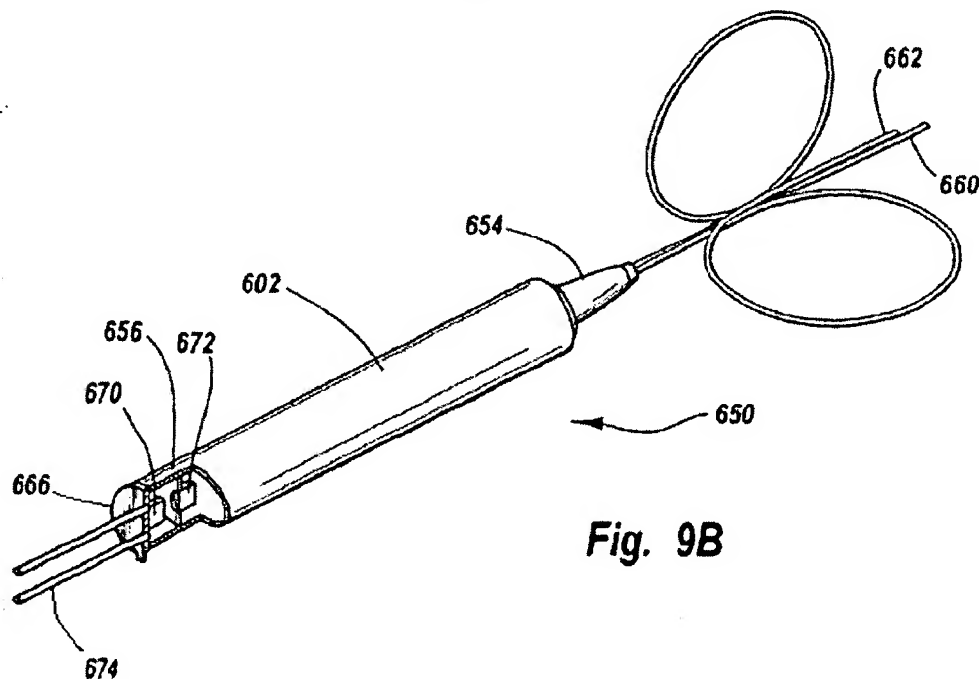
ISSUE DATE : Apr. 19, 2005

INVENTOR(S) : Deng et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Drawings

Replace FIG. 9B with the figure depicted herein below, wherein a new reference of "666" has been added and the original "666" has been changed to --674--

**Cover Page,**

Item (56), under "OTHER PUBLICATIONS", line 5, change "Augusy" to --August--

Item (56), under "OTHER PUBLICATIONS", line 6, change "articlesearch/aug1998mj.htm," to --
articlesearch/aug1998mj.html,--

MAILING ADDRESS OF SENDER (Please do not use customer number

R. Burns Israelsen, Esq., WORKMAN NYDEGGER
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

JUL 18 2007

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 6,882,764 B1

Page 2 of 3

APPLICATION NO. : 10/646,422

ISSUE DATE : Apr. 19, 2005

INVENTOR(S) : Deng et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 2,

Line 12, change "birefringence" to --birefringent--

Lines 21-22, change "birefringence" to --birefringent--

Line 36, change "signal" to --signals--

Line 37, change "lesser" to --less--

Line 67, change "theses" to --these--

Column 3,

Lines 39-40, before "the wave guide optical amplifier shown in FIG. 7A;" remove [the wave guide optical amplifier shown in FIG. 7A;]

Column 6,

Line 32, before "are not reflected" change "so" to --therefore--

Line 55, remove [406]

Line 56, remove [406]

Column 7,

Line 9, remove [406]

Line 15, change "ill" to --will--

Line 32, remove [406]

Line 64, change "450 shift" to --45° shift--

Column 8,

Line 4, change "450 in one direction" to --45° in one direction--

Line 13, change "414B" to --414A--

Line 56, remove [506]

Line 57, remove [506]

MAILING ADDRESS OF SENDER (Please do not use customer number)

R. Burns Israelsen, Esq., WORKMAN NYDEGGER
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

JUL 18 2007

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 6,882,764 B1

Page 3 of 3

APPLICATION NO. : 10/646,422

ISSUE DATE : Apr. 19, 2005

INVENTOR(S) : Deng et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 9,

Line 10, remove [506]

Line 16, change "ill" to --will--

Line 20, change "birefringence" to --birefringent--

Line 21, change "birefringence" to --birefringent--

Line 21, remove [506]

Line 34, remove [506]

Column 10,

Line 5, change "450" to --45°--

Line 13, change "514B" to --514A--

Line 53, change "housing 652" to --housing 602--

Lines 54-55, change "housing 652" to --housing 602--

Line 57, change "housing 652." to --housing 602.--

Column 11,

Line 27, after "output port" remove [and]

Line 41, after "first beam" change "has" to --having--

Line 42, after "second beam" change "has" to --having--

Column 12,

Line 48, before "second pair" insert --a--

Column 13,

Line 17, change "orientate" to --oriented--

MAILING ADDRESS OF SENDER (Please do not use customer number)

R. Burns Israelsen, Esq., WORKMAN NYDEGGER

1000 Eagle Gate Tower

60 East South Temple

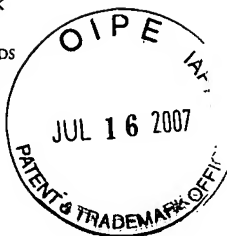
Salt Lake City, Utah 84111

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324: The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

JUL 18 2007

RICK D. NYDEGGER
BRENT P. LORMER
THOMAS R. VUKSINICK
LARRY R. LAYCOCK
JONATHAN W. RICHARDS
DAVID R. WRIGHT
JOHN C. STRINGHAM
JOHN M. GUYNN
CHARLES L. ROBERTS
DANA L. TANGREN
ERIC L. MASCHOFF
CHARLES J. VEVERKA
ROBYN L. PHILLIPS
RICHARD C. GILMORE *
STERLING A. BRENNAN
R. BURNS ISRAELSEN
DAVID R. TODD
DAVID B. DELLENBACH
L. DAVID GRIFFIN
ADRIAN J. LEE
FRASER D. ROY
CARL T. REED
R. PARRISH FREEMAN, JR.
PETER F. MALEN, JR.
L. REX SEARS, PH.D.



WORKMAN | NYDEGGER

INTELLECTUAL PROPERTY ATTORNEYS

1000 EAGLE GATE TOWER
60 EAST SOUTH TEMPLE
SALT LAKE CITY, UTAH 84111
TELEPHONE: (801) 533-9800
FAX: (801) 328-1707
WEBSITE: HTTP://WWW.WNLAW.COM

PATENT
Docket No. 15436.182.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Deng et al.

Serial No.: 10/646,422

Filed: Aug. 22, 2003

For: POLARIZATION INDEPENDENT
PACKAGING FOR POLARIZATION
SENSITIVE OPTICAL WAVEGUIDE
AMPLIFIER

Examiner: Akm Enayet Ullah

Patent No.: 6,882,764 B1

Issue Date: Apr. 19, 2005

Art Unit
2874

REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323

Attn: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. § 1.323 which implement 35 U.S.C. § 255, the Commissioner is respectfully requested to issue a Certificate of Correction to correct mistakes in the above-identified patent. The enclosed Patent Office Form 1050 reflects the desired corrections. Also enclosed please find a check in the amount of \$100.00 to cover the costs for issuance of this certificate.

ROBERT E. AYCOCK
JENS C. JENKINS
MICHAEL B. DODD
BRETT I. JOHNSON
SARA D. JONES
TIGE KELLER
JANNA J. LEWIS
J. LAVAR OLDHAM
MICHAEL J. FRODSHAM
WESLEY C. ROSANDER
RYAN N. FARR
WILLIAM R. RICHTER
KEVIN W. STINGER
MATTHEW D. TODD
MATTHEW A. BARLOW
ANDREW S. HANSEN
CHAD E. NYDEGGER
JOSEPH G. PIA
CLINTON E. DUKE
JAMES B. BELSHE
KIRK R. HARRIS
MICHAEL M. BALLARD
DAVID A. JONES
SHANE K. JENSEN
JONATHAN M. BENNS, PH.D.
SCOTT A. WOODBURY
JOHN T. GADD
MARK W. FORD
COLBY C. NUTTALL
AARON M. SMITH
KULANIAKEA FISHER
THOMAS M. BONACCI
PAUL G. JOHNSON
AMBER B. LEAVITT
JEFFERY M. LILLYWHITE
HEATHER MANWARING
JOHN C. BACOCK

VERNON R. RICE §
OF COUNSEL

* Admitted only in California
§ Admitted only in Virginia

JUL 18 2007

Assistant Commissioner for Patents

Page 2

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178. Duplicate copies of this letter are enclosed.

Dated this 10 day of July, 2007.

Respectfully submitted,



R. Burns Israelson
Attorney for Patentee
Registration No. 42,685
Customer No. 022913

RBI:jsb
Docket No. 15436.182.1
PR0000002355V001

CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 13 day of July, 2007.



Transmitted: REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323,
PTO Form 1050 and Check No. 153252 for \$100.00

JUL 18 2007